









THE PRODUCTION OF POLYURETHANE FOAMS AND FOAMED THERMOPLASTIC SYNTHETIC MATERIALS

Patent number: WO9961519
Publication date: 1999-12-02
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Classification:
- international: **C08G18/48; C08J9/14; C08G18/00; C08J9/00;** (IPC1-7): C08J9/14
- european: C08G18/48A8; C08J9/14H2F; C08J9/14P
Application number: WO1999EP03360-19990515
Priority number(s): DE19981022944 19980522; DE19981022945 19980522

Also published as:

 EP1080143 (A1)
 EP1080143 (B1)
 ES2194463T (T3)

Cited documents:

 US5348681
 WO9614354
 EP0742250
 WO9731989
 WO9827145
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Abstract of WO9961519

The invention relates to a method for producing polyurethane foames and foamed thermoplastic synthetic materials, especially polystyrene, polyethylene, polypropylene, polyvinyl chloride, and PET. A composition is used as an expanding agent. Said composition contains and or is comprised of pentafluorobutane, preferably pentafluorobutane (HFC-365mfc) and of at least one additional expanding agent selected from the group comprising difluoromethane (HFC-32); difluoroethane, preferably 1,1-difluoroethane (HFC-152a); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1,2-tetrafluoroethane (HFC-134a); hexafluoropropane, preferably 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,3,3,3-hexafluoropropane (HFC-236ea); heptafluoropropane, preferably 1,1,1,2,3,3,3-heptafluoropropane (HFC-227ea); and light optionally halogenated hydrocarbons; and light, optionally halogenated ether.

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